

AUXILIARY REQUEST

1. Method for the production of animal feed pellets with the addition of a  
premix, characterized in that the premix is a vitamin premix com-  
5 prising fat/oil- and water-soluble vitamins, that the surface of the feed  
pellets is sprayed with the vitamin premix, and in that the feed pellets are  
subjected to cooling before being sprayed said temperature being equal or  
less than 50°C and that the vitamin premix also comprises a phytase  
enzyme dissolved in said vitamin premix and that after being sprayed the  
10 feed pellets are collected in a container.

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2. Method according to claim 1, characterized in that the vitamin  
premix is formulated as a function of animal species.

15 3. Method according to any of the foregoing claims, characterized  
in that the feed pellets pass a rotor-spray/rotor nozzle when being sprayed.

4. Method according to any of the foregoing claims, characterized  
in that the feed pellets are also sprayed with a solution comprising minerals.

20 5. Method according to any of the foregoing claims, characterized  
in that the vitamin premix also comprises amino acids dissolved in said vi-  
tamin premix.

25 6. Method according to any of the foregoing claims, characterized  
in that the vitamin premix also comprises digestibility-promoting enzymes  
dissolved in said vitamin premix.

30 7. Method for the mixing a vitamin premix comprising fat/oil-soluble vita-  
mins, characterized in that the premix also comprises water-soluble  
vitamins, that the water phase comprises propylene glycol and EDTA and

nicotinamide, after which a B<sub>2</sub> vitamin is subsequently added (such as ribo-<sup>112</sup>flavin and thereafter sodium hydrochloride (NaOH). ?

5 8. Method according to claim 7, characterized in that carbamide/urea is added before the addition of the B<sub>2</sub> vitamin. A

10 9. Method according to claim 7 and 8, characterized in that hydrochloric acid (HCl) is also added, and that further B vitamins are subsequently added, mainly biotin and pyridoxine hydrochloride. A

15 10. Method according to claim 7, 8 and 9, characterized in that the oil phase comprises A, D and E vitamins, a solubilisator and also antioxidants, the mixing of which is carried out at a temperature interval of around 50-70°, preferably at around 60°. N<sub>2</sub> : 1

20 11. Method according to claims 7-10, characterized in that the oil phase and the water phase are mixed together while being stirred, and that the temperature of the water phase is 35-45°C.

20 12. Method according to claims 7-11, characterized in that a phytase enzyme is added to the vitamin premix, said premix preferably having a temperature of 20-30°C. 7